Problem Link:

<https://codeforces.com/problemset/problem/1536/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** n;
* string s;
* cin >> n >> s;
* **set<string>** st;
* **for**(**int** i = 0; i < n; ++i)
* {
* string temp = **""**;
* **for**(**int** j = 0; j < 3 && i + j < n; ++j)
* {
* temp += s[i + j];
* st.insert(temp);
* }
* }
* **bool** f = **false**;
* **for**(**char** c = **'a'**; c <= **'z'**; ++c)
* {
* string str = **""**;
* str += c;
* **if**(st.find(str) == st.end())
* {
* cout << str << **"\n"**;
* f = **true**;
* **break**;
* }
* }
* **if**(f)
* **continue**;
* **for**(**char** c1 = **'a'**; c1 <= **'z'**; ++c1)
* {
* **for**(**char** c2 = **'a'**; c2 <= **'z'**; ++c2)
* {
* string str = **""**;
* str += c1;
* str += c2;
* **if**(st.find(str) == st.end())
* {
* cout << str << **"\n"**;
* f = **true**;
* **break**;
* }
* }
* **if**(f)
* **break**;
* }
* **if**(f)
* **continue**;
* **for**(**char** c1 = **'a'**; c1 <= **'z'**; ++c1)
* {
* **for**(**char** c2 = **'a'**; c2 <= **'z'**; ++c2)
* {
* **for**(**char** c3 = **'a'**; c3 <= **'z'**; ++c3)
* {
* string str = **""**;
* str += c1;
* str += c2;
* str += c3;
* **if**(st.find(str) == st.end())
* {
* cout << str << **"\n"**;
* f = **true**;
* **break**;
* }
* }
* **if**(f)
* **break**;
* }
* **if**(f)
* **break**;
* }
* }
* **return** 0;
* }